# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 24 Sep 2020 until 23:59 on Friday 25 Sep 2020

Forecast Issued on Wednesday 23 Sep 2020 at 14:01

**Confidence:** High for the unsettled theme with strong winds and colder temperatures this week. Moderate for a drier weekend and any specific details this week.

**Headline for Thursday 24 Sep 2020:** Dry to start, becoming wet and breezy.

**Mountain weather hazards on Thursday 24 Sep 2020**

**Blizzards**
No Likelihood

**Heavy Snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
No Likelihood

**Poor visibility**
High Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
High Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Clear night | Partly cloudy (night) | Partly cloudy (night) | Heavy Rain | Heavy Rain | Heavy Rain | Heavy Rain | Light rain |
| Precipitation probability | | | | | | | |
| 10% | 10% | 20% | 70% | 80% | 90% | 70% | 60% |

**Forecast for Thursday 24 Sep 2020**

**Weather:** Dry to start overnight with some clear spells but also some rather cold temperatures. A band of showery rain will likely arrive within a couple hours after dawn, bringing a risk of heavy and perhaps persistent rain through much of the late morning, afternoon and early evening. Through the evening, rain should ease but it will remain cloudy.

**Chance of cloud free mountain/hill tops above 600m:** 70% initially but with some patchy cloud possible down to 400m overnight. Becoming 20% with cloud down to 300-400m from late morning until evening. Likely becoming 70% by the end of the evening.

**Visibility:** Good initially but soon becoming poor or very poor in heavy rain and low cloud. Becoming moderate by the end of the evening.

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**Forecast for Thursday 24 Sep 2020**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 5/7 W | 4/6 SE | 8/15 E | 15/21 E | 14/23 E | 9/13 SE | 9/15 NE | 13/21 N | 17/26 N |
| **300** | 3/6 N | 2/4 SE | 6/16 E | 11/21 E | 11/23 E | 7/13 E | 9/16 NE | 10/20 N | 12/26 N |
| **Valley** | 2/5 NE | 5/8 E | 8/17 E | 11/22 E | 10/22 SE | 7/14 E | 9/17 NE | 7/17 N | 10/22 N |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 4/3 | 4/3 | 4/1 | 4/-1 | 4/0 | 5/2 | 4/0 | 4/-1 | 3/-2 |
| **300** | 6/4 | 4/3 | 5/3 | 6/3 | 7/4 | 7/5 | 6/3 | 6/3 | 6/2 |
| **Valley** | 6/6 | 6/4 | 7/4 | 8/5 | 8/6 | 8/6 | 8/5 | 7/5 | 7/4 |
| **Freezing Level*** | 1200m | 1100m | 1100m | 1200m | 1200m | 1200m | 1200m | 1200m | 1200m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Gusts may reach up to 35mph later in the evening in exposed parts.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Tue 22 Sep 2020 | 0.2mm | 0.2mm | 0.2mm |

**Forecast for Friday 25 Sep 2020**

**Weather:** Another cold day with increasing wind speeds, a chance of gales and severe wind chill. Any patchy rain or showers should clear overnight leaving a dry and bright day apart from a risk of an isolated shower on Friday afternoon.

**Maximum wind:** Northwesterly 25mph gusting 35-45mph

**Chance of cloud free mountain/hill tops above 600m:** 70% initially with some patchy cloud down to 400m, becoming generally 90% a couple of hours after dawn.

**Visibility:** Generally very good or excellent. Moderate or poor in any patchy rain or cloud.

**Temperature:** **Valleys:** Plus 2 Celsius becoming Plus 11 Celsius.
**At 600m:** Plus 2 Celsius becoming Plus 7 Celsius.
**Freezing level:** Above summits.

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